

SECTION 10810
TOILET SPECIALTIES

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes
 - 1. Each type of toilet accessory is generally indicated on Drawings.
 - 2. Some types of toilet accessories are specified herein but are not indicated on the Drawings.
 - 3. All toilet room accessories shall be in compliance with the Americans with Disabilities Act (ADA)-1990 effective January 26, 1992 “Accessibility Guidelines for Buildings and Facilities”, current issue published by the U.S. Architectural & Barriers Compliance Board, Washington, D.C.
- B. Related Work Specified In Other Sections
 - 1. Metal Toilet Partitions – Division 10.

1.2 PERFORMANCE REQUIREMENTS

- A. Mounting Heights
 - 1. Mount toilet room accessories at the heights indicated on the Drawings; if not indicated or indicated incorrectly (not per Handicapped Codes), heights must conform to the Accessibility Codes of the state or municipality in which the project is located; Accessibility Codes shall govern in all cases.
- B. Field Measurements
 - 1. Take measurements at the site as required to insure accurate installation and exchange information with others installing adjacent items so that all work will be coordinated. Verify all locations of accessories with the Owner before proceeding with the installation.

1.3 SUBMITTALS

- A. Furnish submittals for items that are identified in this Section by a different typeface and a bracketed code (e.g., *Item [L]*). Refer to Division 1, General Requirements for definition of codes for types of submittals and the administrative requirements governing submittal procedure. Additional submittal requirements pertaining to this Section are specified herein under this Article.
- B. Submit manufacturer’s product data only for proposed substitute toilet room accessory units not specified. If manufacturer’s catalogue is submitted, clearly identify the particular items proposed, including gages, finishes, and accessories for same.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Wrap, carton, and crate, as required, to provide physical and climatic protection during loading, shipping and job site storage and handling.
- B. Deliver packaged materials to the project site in the manufacturer's original, unopened containers which bear intact, legible and visible labels that identify the manufacturer's name and brand name, the contents, grade and type.
- C. Upon delivery, immediately inspect shipments to assure their compliance with the requirements of the CONTRACT DOCUMENTS and approved submittals, and that products are complete, undamaged and adequately protected. Immediately report damaged, missing, or defective items. Remove broken, damaged or unlabeled items from the site immediately.
- D. Store products in accordance with manufacturer's instructions with seals and labels intact, legible, and visible. Store products in a manner to prevent to prevent damage, soiling, theft, deterioration and contamination. Marred surfaces, cracked, checked spilt or warped materials will be rejected. Store materials subject to damage by climatic conditions in weathertight enclosures. Maintain temperature and humidity within the ranges required or recommended by the manufacturer.
- E. Repair or clean items that have been damaged or soiled that can be restored to an "as new" condition at not cost to the OWNER. The OWNER'S REPRESENTATIVE shall be the judge of the effectiveness of remedial measures. Additional time or expense required to secure replacements and to make repairs will not be considered by the OWNER'S REPRESENTATIVE to justify and extension in the CONTRACT time of completion or an increase in the CONTRACT amount.

PART 2 PRODUCTS

2.1 GENERAL

- A. The items enumerated herein are mentioned by manufacturer's name, catalog number, model number or similar identification. Such mention is made to establish the type, size, materials, performance, function and quality of the item required. Items by Bobrick Corp., American Specialties Inc., Bradley Corp., McKinney/Parker, or other manufacturers may be accepted if the design, materials, fabrication, construction methods and finish meet the criteria of the specified item.
- B. Provide products of the same manufacturer for each type of accessory unit and for units exposed in the same areas, unless other combinations are acceptable to Owner's Representative.

2.2 ANCHORAGE DEVICES

- A. Provide all fasteners, anchorages, trim, inserts, back-up plates and other incidental parts as necessary to install the work plumb, level, and in a rigid and substantial manner. Where

back-up plates are secured to metal framing, securely weld back-up plates in place with continuous welds. Use concealed fasteners where possible. Where exposed fasteners are necessary, provide them in material and finish to match adjacent surfaces. Use non-removable or vandal proof type heads for all exposed fasteners. Drill holes and use suitable expansion anchors or shields for securing items to substrate.

2.3 PACKAGING AND FINISH

- A. Box or wrap each item suitably to prevent damage to same, individually and with label identification designating the item and location of installation. Provide each item complete with fasteners, anchorages, trim, backplates and any other incidental parts as required for the type of substrate to which the item is to be secured.
- B. Unless otherwise specified, provide all items in Type 302 or 304 alloy stainless steel with No. 4 satin finish. Match finish of all accessories in any one area or room.

2.4 MATERIALS

- A. Stainless Steel: ANSI Type 302/304, with satin finish No. 4, 22 gage minimum, unless otherwise indicated.
- B. Galvanized Steel Sheet: ASTM A 527, G60.
- C. Chromium Plating: Nickel and chromium electro-deposited on base metal, ASTM B 456, Type SC2.
- D. Mirror Glass: ASTM C1036, Type 1, Class 1, Quality Q2, 1/4 inch thick, with silver coating complying with FS DD-M411. Furnish fifteen year warranty against silver spoilage.
- E. Galvanized Steel Mounting Devices: ASTM A 386, hot-dip galvanized after fabrication.
- F. Fasteners: Screws, bolts, and other devices of the same material as the accessory unit or of galvanized steel where concealed.

2.5 FABRICATION

- A. Stamped names or labels on exposed faces of toilet accessory units are not permitted, except where otherwise indicated; unobtrusive labels on surfaces not exposed to view are acceptable. Where locks are required for a particular type of toilet accessory, provide same keying throughout project. Furnish two keys for each lock.
- B. Surface-Mounted Toilet Accessories: Except where otherwise indicated, fabricate units with tight seams and joints, exposed edges rolled. Hang fronts, doors and access panels with full length continuous stainless steel piano hinge. Provide concealed anchorage wherever possible.

2.6 TOILET PAPER HOLDER (TPH)

- A. *Toilet Paper Holder [P]*: Surface mounted type, double-roll capacity, of aluminum casting with satin finish, without controlled delivery, to hold two standard core toilet tissue rolls up to 2000 sheets. Spindles shall be molded and extruded ABS and shall be equipped with retractable pin and concealed locking mechanism. Provide one unit for each water closet. Mount on toilet stall partition where partitions are used, otherwise on permanent walls.
1. Bobrick "B-2740".
 2. American Specialties, Inc. "0264-1".
 3. Bradley "5241-50".
 4. McKinney/Parker "1031LCD"

2.7 SANITARY NAPKIN/TAMPON DISPENSER (SND)

- A. *Sanitary Napkin/Tampon Dispenser [P]*: Large capacity surface mounted type with pull handle activator of 18-8, type 304 stainless steel with a satin finish on exposed surfaces. Fabricate door with full length piano hinge and two tumbler locks keyed alike and to other units. Provide two coin mechanisms to permit dispensing minimum 31 napkins and 22 tampons, for free, 10 cents, or 25 cents. Coin operations shall be as selected by the Owner. Provide in women's toilet rooms.
1. Bobrick "B2800".
 2. American Specialties, Inc.
 3. Bradley.

2.8 SANITARY NAPKIN RECEPTACLE (SNR)

- A. *Surface Mounted Sanitary Napkin Receptacle [P]*: Surface mounted type, with utility shelf, of stainless steel welded construction, with a satin finish on exposed surfaces, with tight fitting self-closing top cover and locking bottom panel with continuous stainless steel piano hinge. Provide one unit in each toilet stall of women's toilet rooms.
1. Bobrick "B-271".
 2. American Specialties, Inc. "0852SH".
 3. Bradley "4791".
 4. McKinney/Parker "627".

2.9 COMBINATION PAPER TOWEL DISPENSER AND RECEPTACLE (PTD/R)

- A. *Surface Mounted Combination Paper Tower Dispenser and Receptacle [P]*: Surface mounted type, type 304 stainless steel of welded construction, with a satin finish on exposed surfaces, designed for surface mounting and to dispense minimum 600 C-fold or 800 single or multi-fold paper towels as selected by the Owner without adjustment or use of adapters, and with a minimum 12 gallon capacity removable waste container. Provide in toilet rooms where indicated.
1. Bobrick "B-3949".
 2. American Specialties, Inc. "0469SM".
 3. Bradley "234-11".
 4. McKinney/Parker "80294-1".

2.10 LIQUID SOAP DISPENSERS (SD)

- A. *Deck Mounted Liquid Soap Dispenser [P]*: Deck-Mounted Type: Soap dispenser shall dispense synthetic detergents, viscous lotion soaps, antiseptic solutions and vegetable oil base liquid soaps. Piston and spout assembly shall be 300 Series stainless steel. Spout shall rotate 360deg without damage to valve mechanism. Cover shall lock to body with concealed locking mechanism opened only with special key provided. Piston, spout and supply tube assembly shall be removable from top for top filling and maintenance. Valve shall have ABS cylinder and Buna N O-ring seals and duckbills. Shank shall accommodate mounting thickness up to 4 inches. Translucent, unbreakable polyethylene container shall have a capacity of 32 fl. oz. Provide one unit for each lavatory in each toilet room, unless otherwise noted on Drawings.
1. Bobrick "B-822".
 2. Accessory Specialties, Inc. "0331".
 3. Bradley "6302-68".
 4. McKinney/Parker "391-7-4 W/16 oz. globe"

2.11 SHOWER AND BATH ACCESSORIES

- A. *Recessed-Mounted Soap Dish (RSD) [P]*: Recessed-Mounted Soap Dish (RSD): Heavy duty type, constructed entirely of 18-8, type 304 stainless steel with satin finish. Soap dish and flange shall be drawn, one piece construction. Provide anchorage appropriate for wall construction indicated. Provide one unit for each shower where indicated.
1. Bobrick "B438".
 2. American Specialties, Inc. "0407".
 3. Bradley "9401".
 4. McKinney/Parker "1071-T"
- B. *Robe Hook (RH) [P]*: Robe Hook (RH): Surface mounted, double hook, entirely constructed of type 304 satin-finish stainless steel. Flange shall be equipped with concealed, 16 gage mounting bracket which locks to concealed stainless steel wall plate with stainless steel set screw. Provide where indicated.
1. Bobrick "B6727".
 2. American Specialties, Inc. "7345-S".
 3. Bradley "9124".
 4. McKinney/Parker "1543".
- C. *Towel Pin (TP) [P]*: Towel Pin (TP): Surface mounted, entirely constructed of type 304 satin-finish stainless steel. Flange shall be equipped with concealed, 16 gage mounting bracket which locks to concealed stainless steel wall plate with stainless steel set screw. Provide where indicated.
1. Bobrick "B6777".
 2. American Specialties, Inc. "7301-S".
 3. Bradley "9314".
 4. McKinney/Parker "1545".

- D. *Shower Curtain Rod (CR) [P]*: Shower Curtain Rod (CR): Fabricate of 1 inch O.D., 20 gage type 304 stainless steel in satin finish. Provide flanges of 20 gage stainless steel, with concealed mounting. Provide one rod at each shower stall and/or shower vestibule, where indicated.
1. Bobrick "B-6107".
 2. American Specialties, Inc. "1206 X Flanges 1209".
 3. Bradley "953".
 4. McKinney/Parker "267 X SS brackets".
- E. *Vinyl Shower Curtain (SC) [P]*: Vinyl Shower Curtain (SC): Fabricate of .008 inch thick vinyl material with hemmed bottom and sides and nickel-plated brass grommets 6 inches on center, in standard color as selected, with No. 204-1 stainless steel curtain hooks. Provide one curtain at each shower stall and/or shower vestibule, where indicated.
1. Bobrick "B-204-2" curtain and "204-1" hooks.
 2. American Specialties, Inc. "1200V".
 3. Bradley "9533".
 4. McKinney/Parker "269SC".
- F. *Folding Shower Seat (FS) [P]*: Folding Shower Seat (FS): Fabricate of 1 inch type 304 stainless steel tubing with satin finish. Fabricate seat of 6 woodgrain phenolic slats 5/16 inch thick x 3 inch wide. Provide one in each handicapped shower stall, where indicated.
1. Bobrick "B-5171 or B-5181".
 2. American Specialties, Inc. "8210-A".
 3. Bradley "9567".
 4. McKinney/Parker "274T".

2.12 MIRRORS WITHOUT SHELF (MIR)

- A. *Mirrors Without Shelf [P]*: Provide frame of 18-8, type 304 heavy gage stainless steel, 3/4 inch x 3/4 inch angle with satin finish. One-piece roll-formed construction with continuous integral stiffener on all sides. Bevel design on edge of angle holds frame tightly against mirror. Corners of mirror frame are heliarc welded, ground and polished smooth. Provide 20 gage galvanized steel back, fastened to frame with concealed screws, is equipped with integral horizontal hanging brackets. Concealed Phillips-head locking screws securely fasten mirror to wall hangers. Provide mirror of No. 1 quality, 1/4 inch float/plate glass selected for silvering, electro-copper plated by the galvanic process, guaranteed 15 years against silver spoilage. All edges are protected by high impact plastic filler strips; back is protected by full-size shock-absorbing, water proof, non-abrasive 1/8 inch thick polyethylene padding. Provide where indicated.
1. Bobrick "B-290".
 2. American Specialties, Inc. "0600A".
 3. Bradley "700".
 4. McKinney/Parker "150".

2.13 GRAB BARS (GB)

- A. *Grab Bars [P]*: Grab bars of lengths and configurations shown, of 1-1/2 inch diameter satin finish stainless steel, with 1-1/2 inch wall clearance and concealed mounting. Mount all bars at heights shown. Provide at all accessible toilet stalls and shower locations.
1. Bobrick "B-6206".
 2. American Specialties, Inc. "3200 Series".
 3. Bradley "812 Series".
 4. McKinney/Parker "9604".

2.14 TOILET SEAT COVER DISPENSER (TSCD)

- A. *Toilet Seat Cover Dispenser [P]*: Recessed toilet seat cover dispenser shall be constructed of type 304 stainless steel, welded construction. Exposed surfaces shall have satin finish. Door with 9/16 inch 90deg return shall be equipped with full-length stainless steel piano hinge and tumbler lock keyed like other washroom accessories. Unit shall be capable of dispensing 500 single fold or half fold paper toilet seat covers. Provide where indicated.
1. Bobrick "B-3013".

2.15 JANITOR CLOSET SHELF WITH HOOK AND MOP STRIP (JC/SHM)

- A. *Janitors Closet Shelf with Mop Strip [P]*: Surface mounted custodian's utility shelf, with mop and broom holders and rags hooks, shall be constructed of type 302 stainless steel with satin finish. The shelf shall be 18 gauge stainless steel, with 2 inch return edges and front edge shall be hemmed. Mounting brackets, welded to shelf, shall be 16 gauge stainless steel with satin finish. Unit shall be 36 inch long, 8 inch deep, with 4 spring-loaded, rubber cam holders, 3 rag hooks. Provide one in each janitor closet where indicated.
1. Bobrick "B224 x 36".
 2. American Specialties, Inc. "1316".
 3. Bradley "9984".
 4. McKinney/Parker "224/232".

2.16 JANITOR CLOSET SHELF (JCS)

- A. *Janitor's Closet Shelf [P]*: Surface mounted stainless steel unit, 12 inches wide x length as shown. Fabricate entirely of type 302 stainless steel with satin finish. Shelf and mounting brackets shall be 18 gage stainless steel. Weld brackets to the shelf. Mount shelf to wall with appropriate fasteners. Provide in each janitor closet where indicated.
1. Bobrick "B-2912".
 2. American Specialties, Inc. "0692".
 3. Bradley "7512".
 4. McKinney/Parker "224S12".

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install toilet accessory units in accordance with manufacturer's instructions, using fasteners which are appropriate to substrate and recommended by manufacturer of unit. Install units plumb and level, firmly anchored in locations and at heights indicated.
- B. Install horizontal toilet stall grab bars at 33 inches above finish floor, and fastened securely to substrate to withstand a concentrated force of at least 250 pounds per ASTM F 446.

3.2 ADJUSTING AND CLEANING

- A. Adjust toilet accessories for proper operation and verify that mechanisms function smoothly. Replace damaged or defective items. Remove temporary labels and protective coatings.

END OF SECTION

Revision History	
Date	Rev. No.
A	0
B	0
C	0
D	0
E	0
F	0
02-19-09	0

DS/djo

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